

8 7 6 5 4 3 2 1

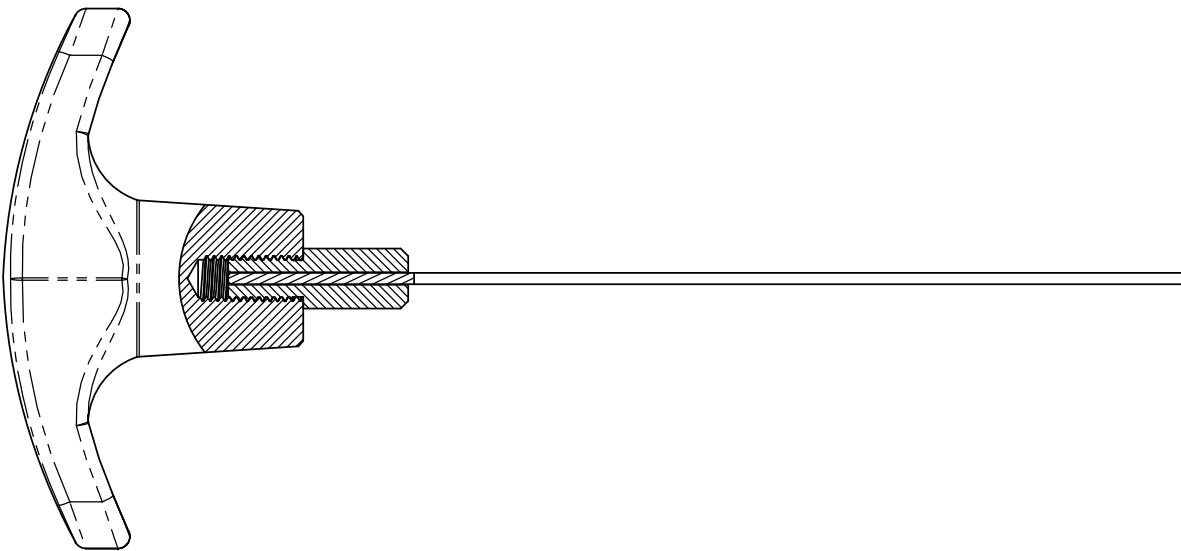
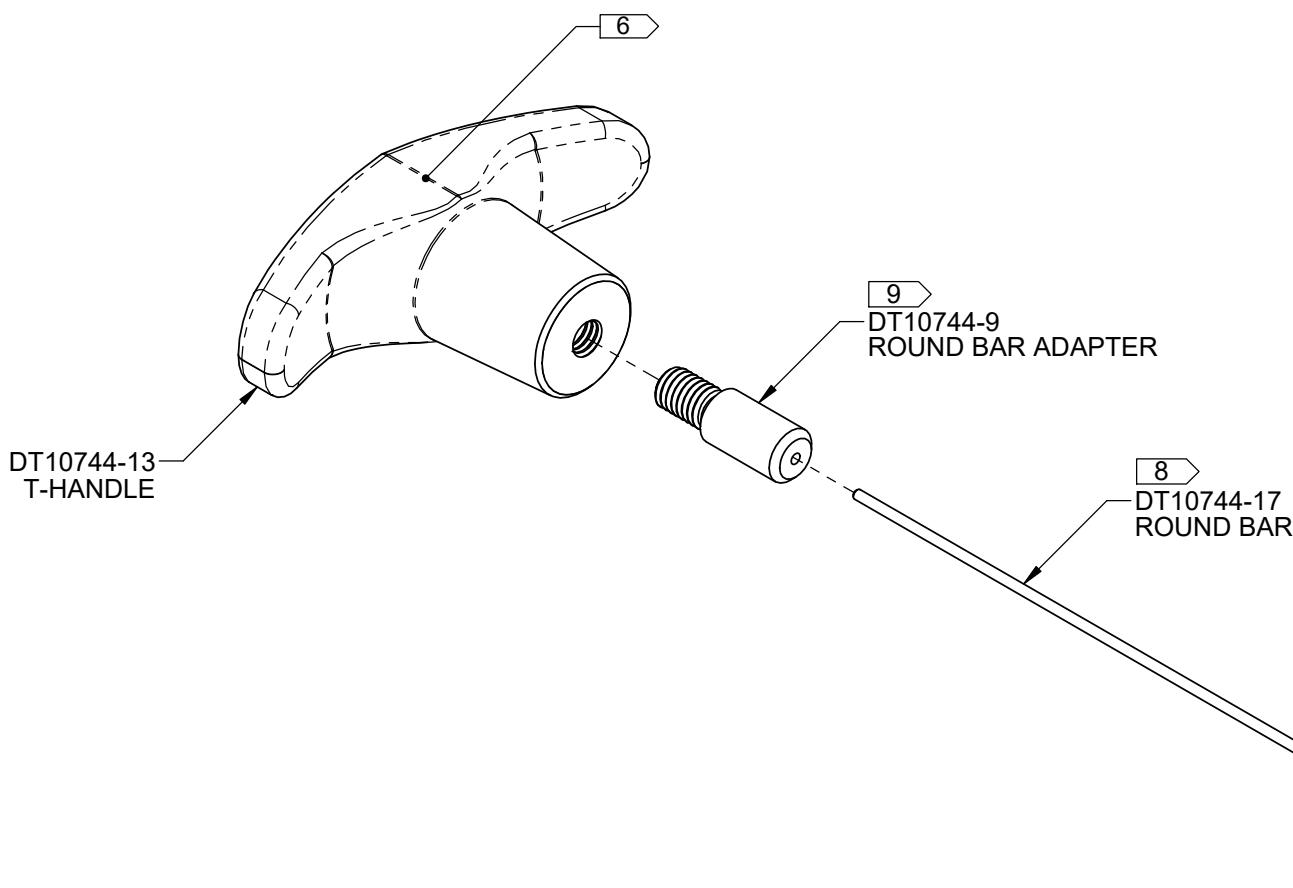
| QTY<br>-045 | P/N         | DESCRIPTION              |
|-------------|-------------|--------------------------|
| X           | DT10744-045 | 3/64" ROUND BAR ASSEMBLY |
| 1           | DT10744-9   | ROUND BAR ADAPTER        |
| 1           | DT10744-13  | T-HANDLE                 |
| 1           | DT10744-17  | ROUND BAR                |

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**DT10744-045 3/64" ROUND BAR ASSEMBLY**

NOTES:  
 1) MATERIAL: N/A  
 2) FINISH: NONE  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: N/A  
 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10744-045" PER DART QSI 044 SECTION 6.3 OR 6.4 OR 6.5  
 7) WEIGHT: N/A  
 8) APPLY LOCTITE 495 ON MATING SURFACE OF DT10744-17 ROUND BAR AND THEN INSTALL, FLUSH WITH THREADED END, INTO DT10744-9 ROUND BAR ADAPTER  
 9) APPLY LOCTITE 262/263 ON THREADS OF DT10744-9 ROUND BAR ADAPTER AND THEN INSTALL, HANDTIGHT, INTO DT10744-13 T-HANDLE

RELEASED  
2021 SEP 28

Released on ECR 267

APPROVED

|            |  |          |  |     |          |
|------------|--|----------|--|-----|----------|
| C          | -041, -043, -1, -5, -7, -11, -15 REMOVED FROM DRAWING<br>ADDED -047, -21, -23<br>REVISED DRAWING TITLE   |          |  | KPT | 21.09.07 |
| B          | -041, -045 NOTE 9: ADDED OPTION FOR LOCTITE 263.<br>NOTE 6: ADDED IDENTIFICATION REQUIREMENT<br>-043 REVISED DIMENSION TOLERANCES<br>-5 ADDED COUNTERBORE HOLE |          |  | KPT | 21.03.10 |
| A          | NEW ISSUE  |          |  | KPT | 21.01.02 |
| REV.       | DESCRIPTION  |          |  | BY  | DATE     |
| DESIGN     |  | KPT      | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA  |     |          |
| DRAWN      |  | KPT      | DRAWING NO.<br><b>DT10744</b>  |     |          |
| CHECKED    |  | ZF       | REV. C   |     |          |
| MFG. APPR. |  | DD       | SHEET 1 OF 5   |     |          |
| APPROVED   |  | OK       | TITLE<br><b>ROUND BAR ASSEMBLY</b>   |     |          |
| DE APPR.   |  | N/A      | SCALE<br>NTS   |     |          |
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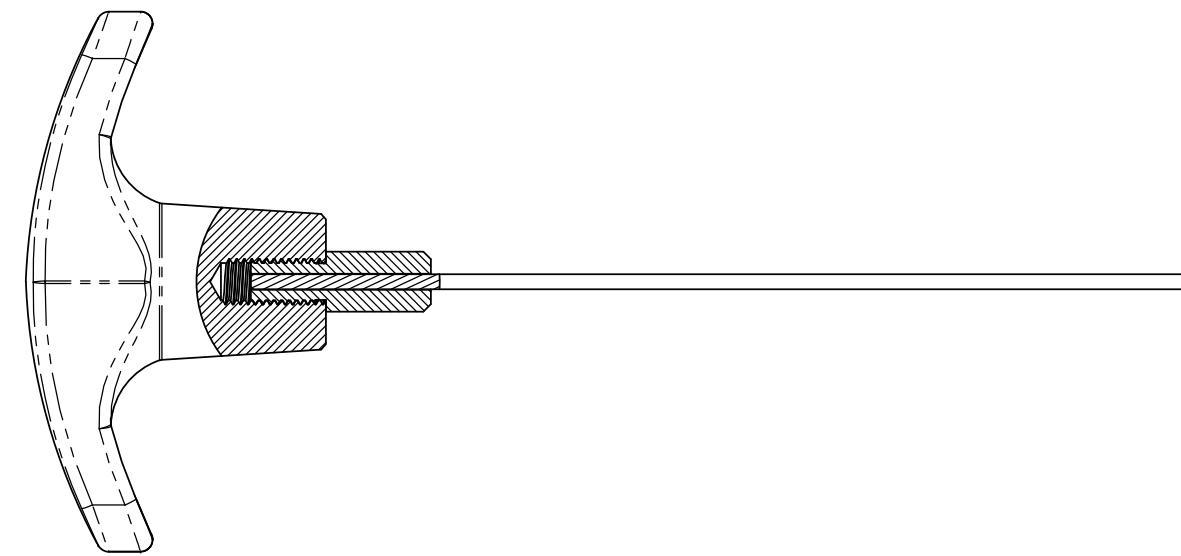
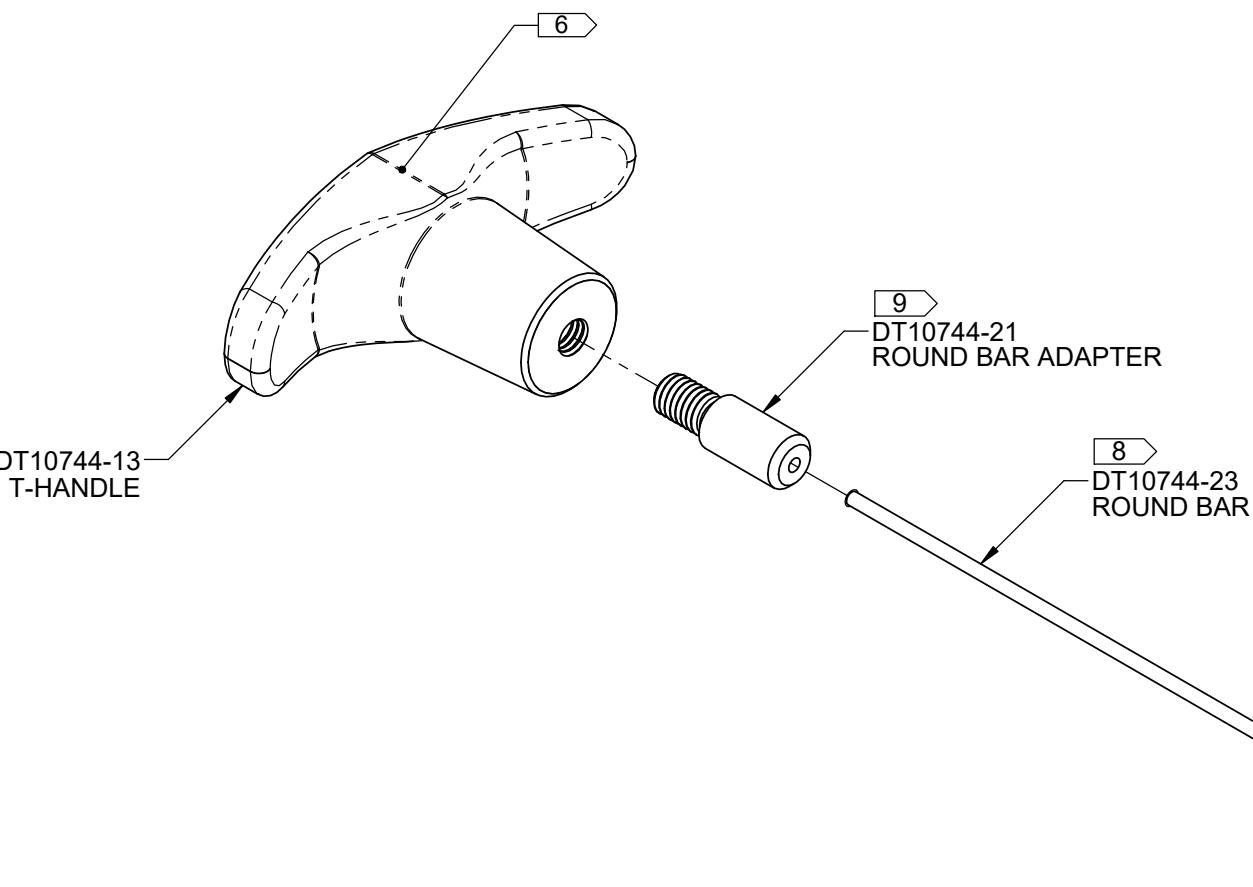
A

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8 7 6 5 4 3 2 1

| QTY<br>-047 | P/N         | DESCRIPTION              |
|-------------|-------------|--------------------------|
| X           | DT10740-047 | 1/16" ROUND BAR ASSEMBLY |
| 1           | DT10744-13  | T-HANDLE                 |
| 1           | DT10744-21  | ROUND BAR ADAPTER        |
| 1           | DT10744-23  | ROUND BAR                |

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**DT10744-047 1/16" ROUND BAR ASSEMBLY** C

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10744-047" PER DART QSI 044 SECTION 6.3 OR 6.4 OR 6.5
- 7) WEIGHT: N/A
- 8) APPLY LOCTITE 495 ON MATING SURFACE OF DT10744-23 ROUND BAR AND THEN INSTALL, FLUSH WITH THREADED END, INTO DT10744-21 ROUND BAR ADAPTER
- 9) APPLY LOCTITE 262/263 ON THREADS OF DT10744-21 ROUND BAR ADAPTER AND THEN INSTALL, HANDTIGHT, INTO DT10744-13 T-HANDLE

**RELEASED  
2021 SEP 28**

APPROVED

|             |              |  |
|-------------|--------------|--|
| DESIGN      | KPT          | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |
| DRAWN       | KPT          |  |
| CHECKED     | ZF           |  |
| MFG. APPR.  | DD           |  |
| APPROVED    | OK           |  |
| DE APPR.    | N/A          |  |
| DRAWING NO. | REV. C       | DT10744  |
|             | SHEET 2 OF 5 |  |
| TITLE       | SCALE        | ROUND BAR ASSEMBLY   |
|             | NTS          |  |
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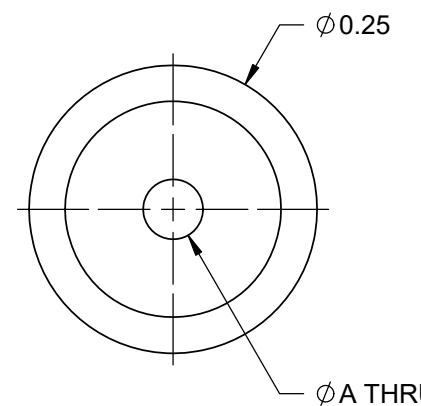
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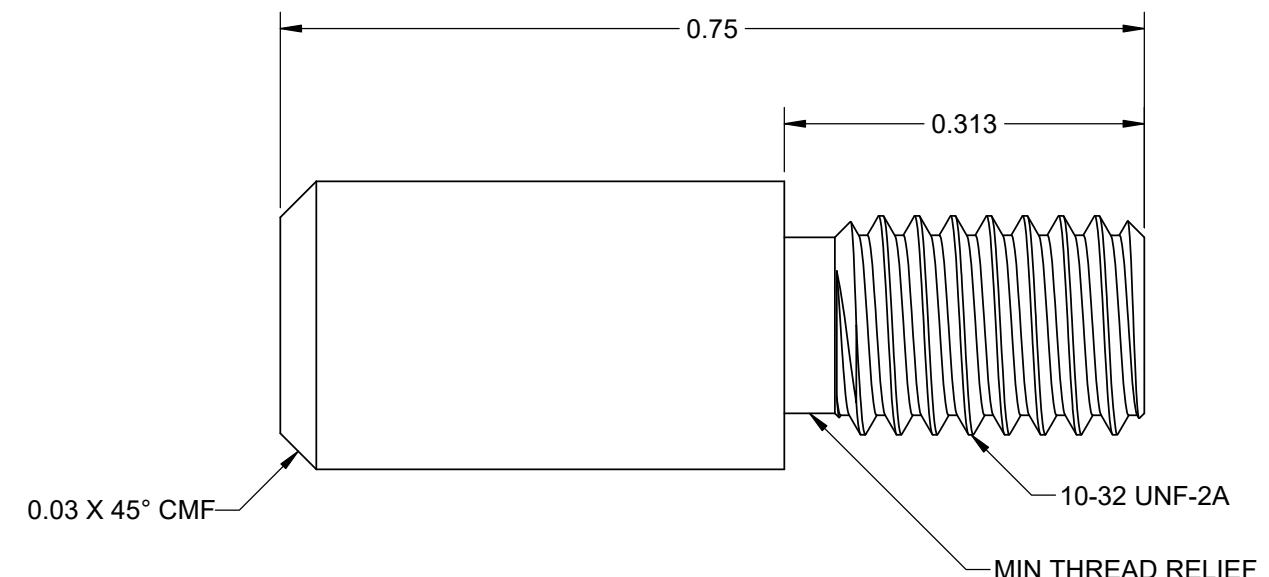
8 7 6 5 4 3 2 1

| P/N        | A     |
|------------|-------|
| DT10744-9  | 0.052 |
| DT10744-21 | 0.067 |



**DT10744-X ROUND BAR ADAPTER**

(DT10744-9 SHOWN)



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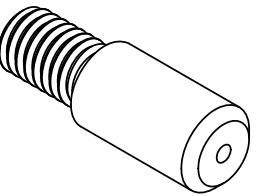
NOTES:  
1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR  
PER ASTM A582  
REF DART SPEC M303R  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: IDENTIFY PER DART QSI 044  
7) WEIGHT: N/A

RELEASED  
2021 SEP 28

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|            |          |  |
|------------|----------|--|
| DESIGN     | KPT      | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA |
| DRAWN      | KPT      |  |
| CHECKED    | ZF       |  |
| MFG. APPR. | DD       |  |
| APPROVED   | OS       |  |
| DE APPR.   | N/A      |  |
| DATE       | 21.09.07 |  |

DRAWING NO.  
**DT10744** REV. C  
SHEET 3 OF 5  
TITLE  
**ROUND BAR ASSEMBLY** SCALE  
NTS  
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8 7 6 5 4 3 2 1

| P/N        | D      | L     | HARDNESS | SUGGESTED VENDOR | SUGGESTED VENDOR P/N |
|------------|--------|-------|----------|------------------|----------------------|
| DT10744-17 | 0.0469 | 4.000 | RC40     | MCMASTER-CARR    | 1162K92              |
| DT10744-23 | 0.0625 | 4.000 | RC40     | MCMASTER-CARR    | 1162K96              |

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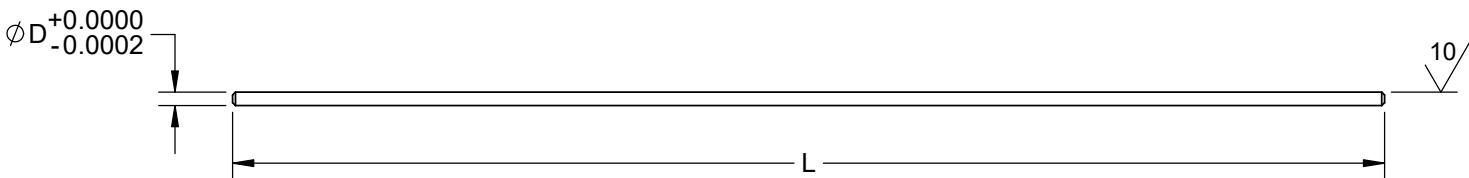
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## SOURCE CONTROL DRAWING



**DT10744-X ROUND BAR**  
(DT10744-17 SHOWN)

RELEASED  
2021 SEP 28

NOTES:  
 1) MATERIAL: 17-4 PH STAINLESS STEEL  
 2) FINISH: NONE  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: N/A  
 6) IDENTIFICATION: IDENTIFY PER DART QSI 044  
 7) WEIGHT: N/A

APPROVED

|            |          |   |                    |
|------------|----------|---|--------------------|
| DESIGN     | KPT      | <b>DART AEROSPACE LTD</b>   |                    |
| DRAWN      | KPT      | HAWKESBURY, ONTARIO, CANADA   |                    |
| CHECKED    | ZF       | DRAWING NO.   |                    |
| MFG. APPR. | DD       | REV. C  |                    |
| APPROVED   | OK       | DT10744   |                    |
| DE APPR.   | N/A      | SHEET 4 OF 5  |                    |
| DATE       | 21.09.07 | TITLE   | ROUND BAR ASSEMBLY |
|            |          | SCALE   | NTS                |
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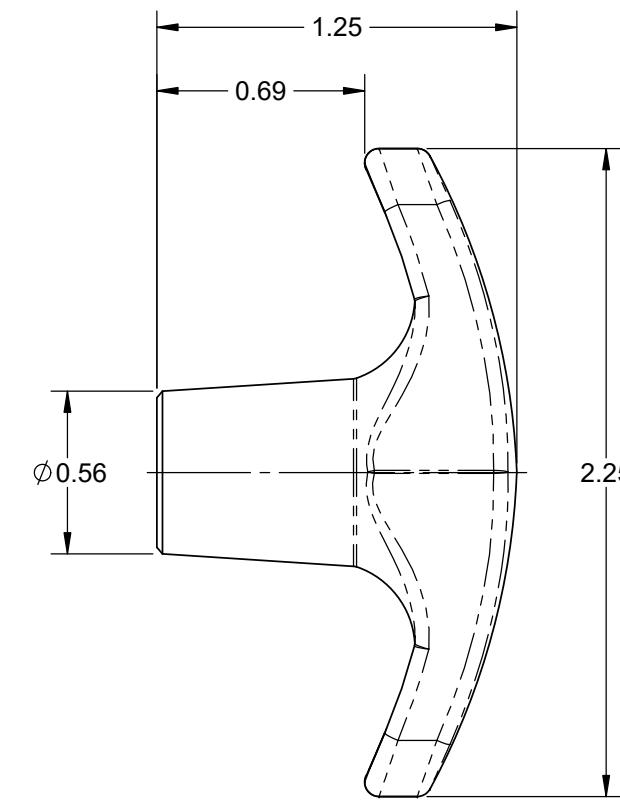
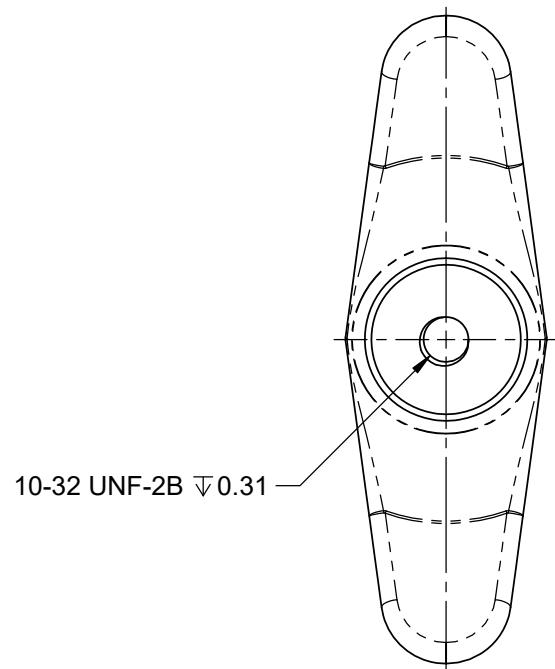
8 7 6 5 4 3 2 1

| T-HANDLE MATERIAL      | THREADED INSERT MATERIAL | SUGGESTED VENDOR | SUGGESTED VENDOR P/N |
|------------------------|--------------------------|------------------|----------------------|
| BLACK PHENOLIC PLASTIC | BRASS                    | CARR LANE        | CL-424-TH            |

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## SOURCE CONTROL DRAWING



DT10744-13 T-HANDLE

RELEASED  
2021 SEP 28

NOTES:  
 1) MATERIAL: SEE TABLE  
 2) FINISH: NONE  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: N/A  
 6) IDENTIFICATION: IDENTIFY PER DART QSI 044  
 7) WEIGHT: N/A

APPROVED

|                    |          |  |
|--------------------|----------|--|
| DESIGN             | KPT      | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |
| DRAWN              | KPT      |  |
| CHECKED            | ZF       |  |
| MFG. APPR.         | DD       |  |
| APPROVED           | OS       |  |
| DE APPR.           | N/A      |  |
| DRAWING NO.        | REV. C   |  |
| DT10744            |          | SHEET 5 OF 5   |
| TITLE              |          | SCALE  |
| ROUND BAR ASSEMBLY |          | NTS  |
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8 7 6 5 4 3 2 1